

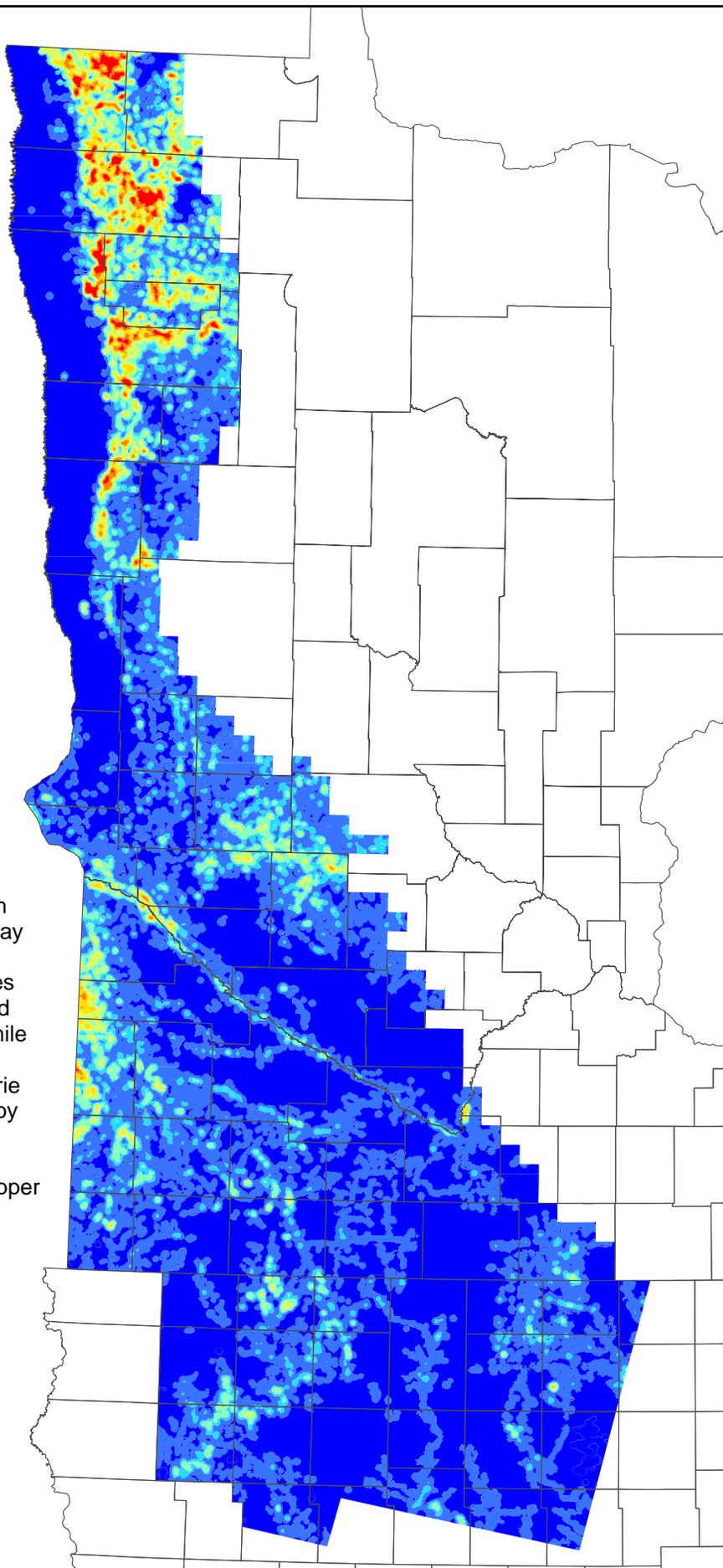
Predicted Number of Grassland Nesting Bird Pairs in the Prairie Pothole Region of Minnesota and Iowa

Legend

Total pairs/40 acres



Total includes Bobolink, Dickcissel, Grasshopper Sparrow, LeConte's Sparrow, Savannah Sparrow, and Sedge Wren



Models estimate the number of breeding pairs for each species based on the amount of grass, trees, and/or hay in the landscape. Landscape scale varied from 1/4- to 2-mile radius depending on the species. Pair estimates were calculated for grass patches ≥ 1 ha, extrapolated to 40-ac cells, then smoothed by averaging over a 1-mile radius. Models were based on point count surveys conducted in 2003-2005 throughout the Tallgrass Prairie Pothole Region. Point count locations were stratified by covertype, the amount of grass in the landscape, and USFWS Wetland Management District boundaries. Landcover data were derived from 2000 Thematic Mapper imagery.



The University of
Montana

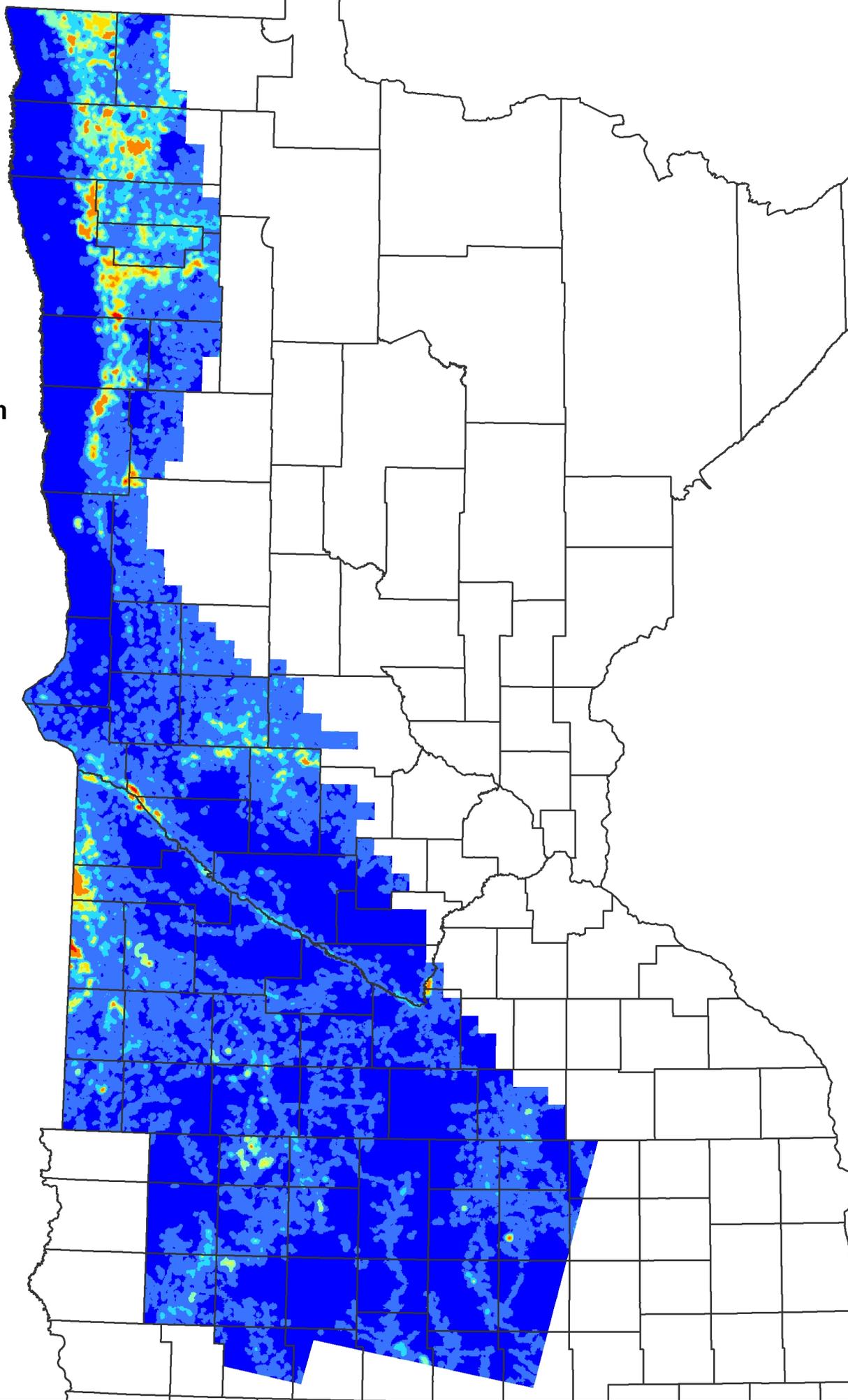
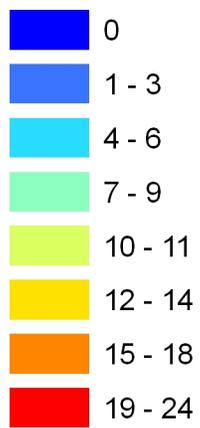
IOWA STATE UNIVERSITY



Legend

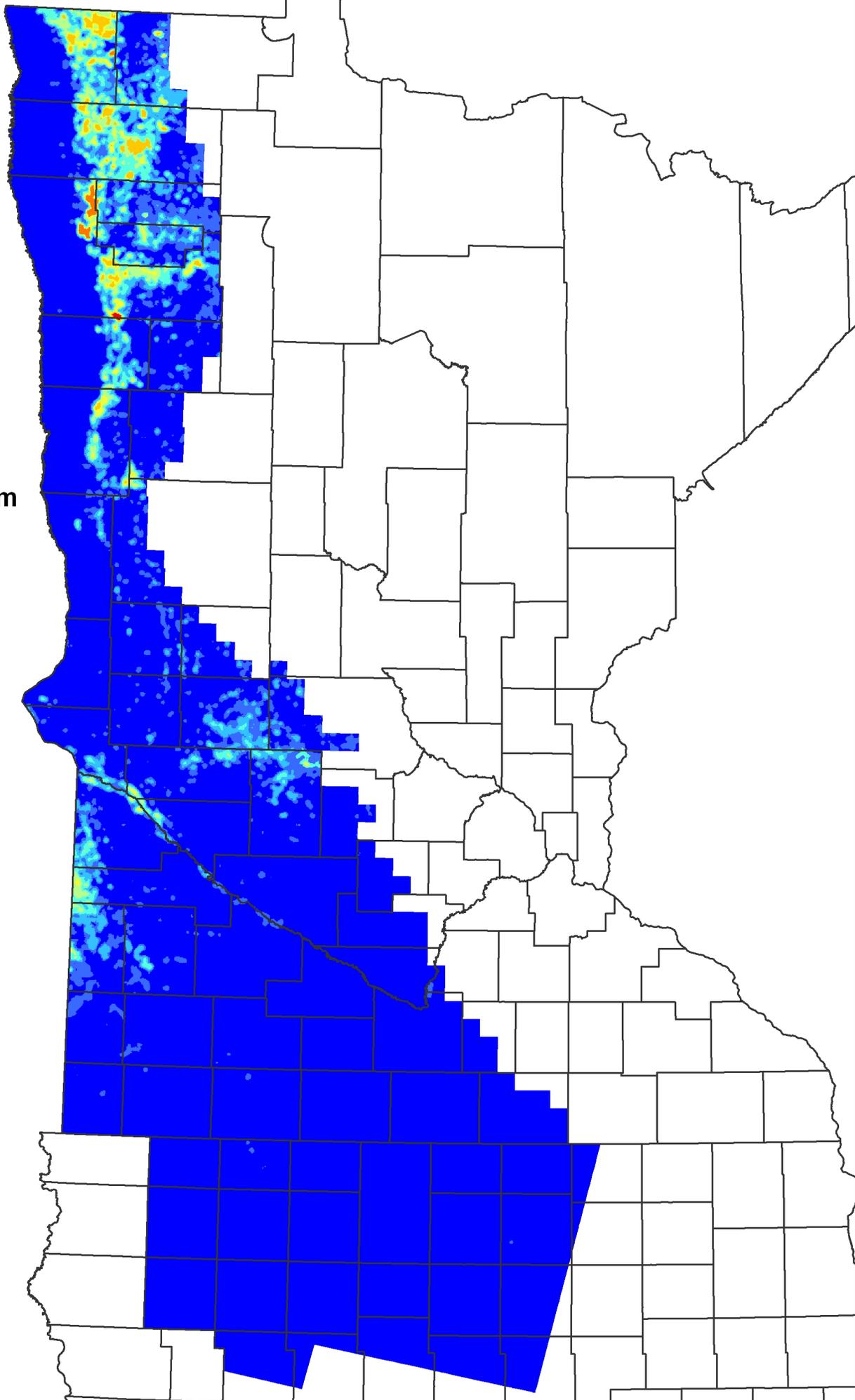
grassbird_tstorm

BOBOPAIR



Legend

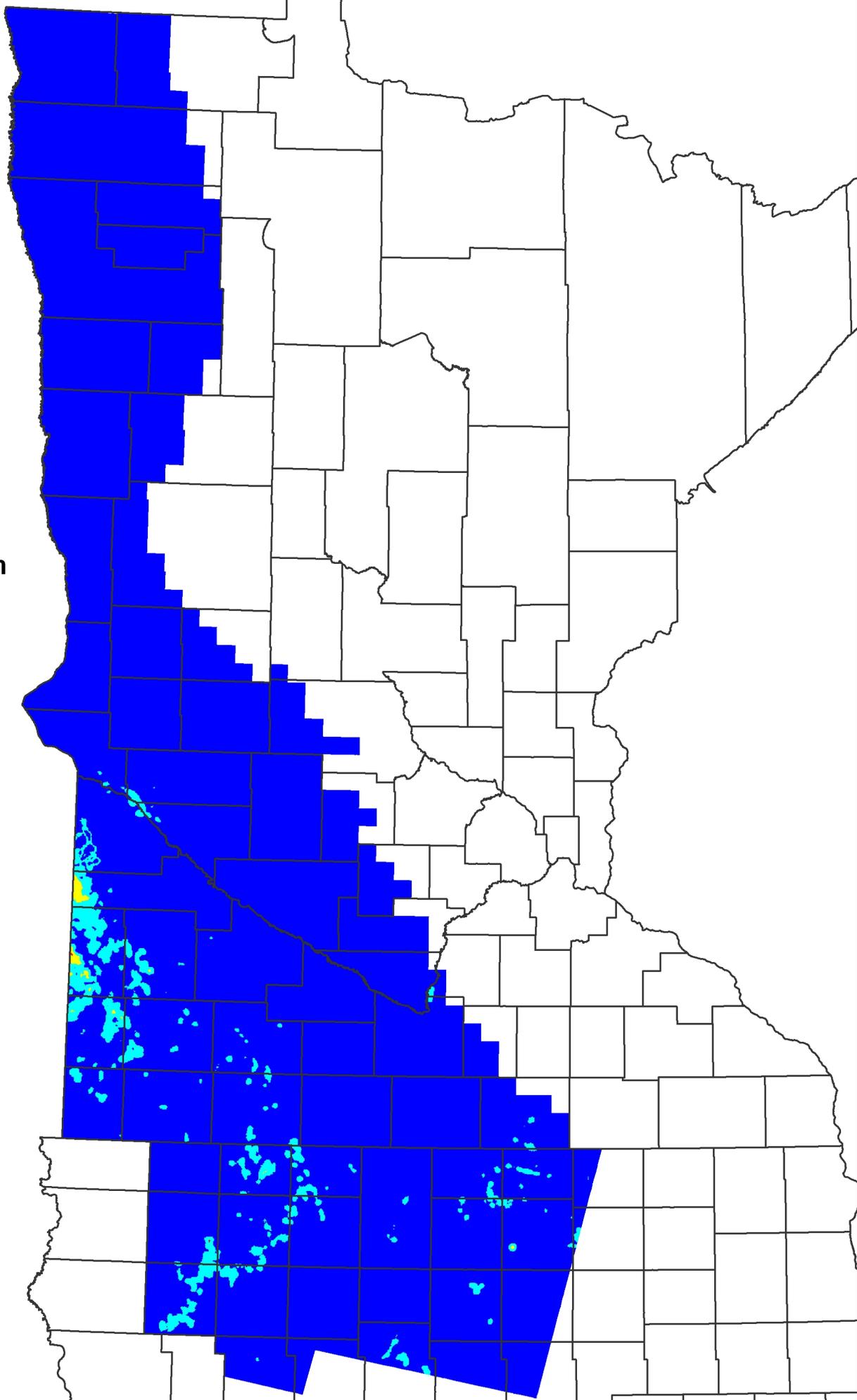
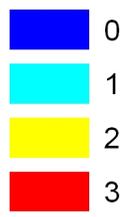
**grassbird_tstorm
CCSPPAIR**



Legend

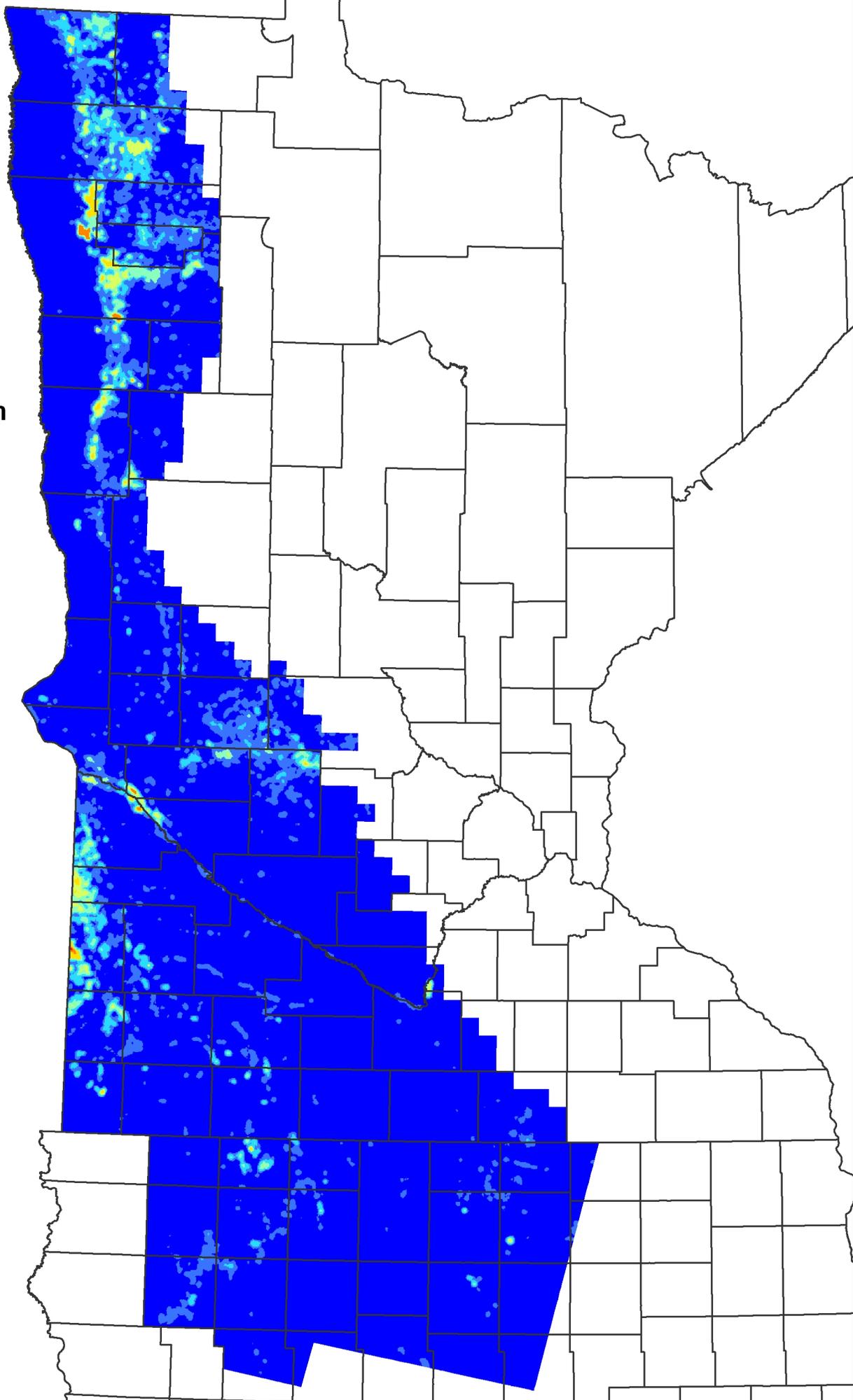
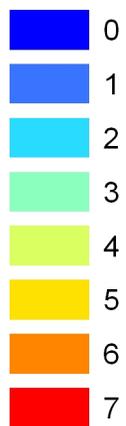
grassbird_tstorm

DICKPAIR



Legend

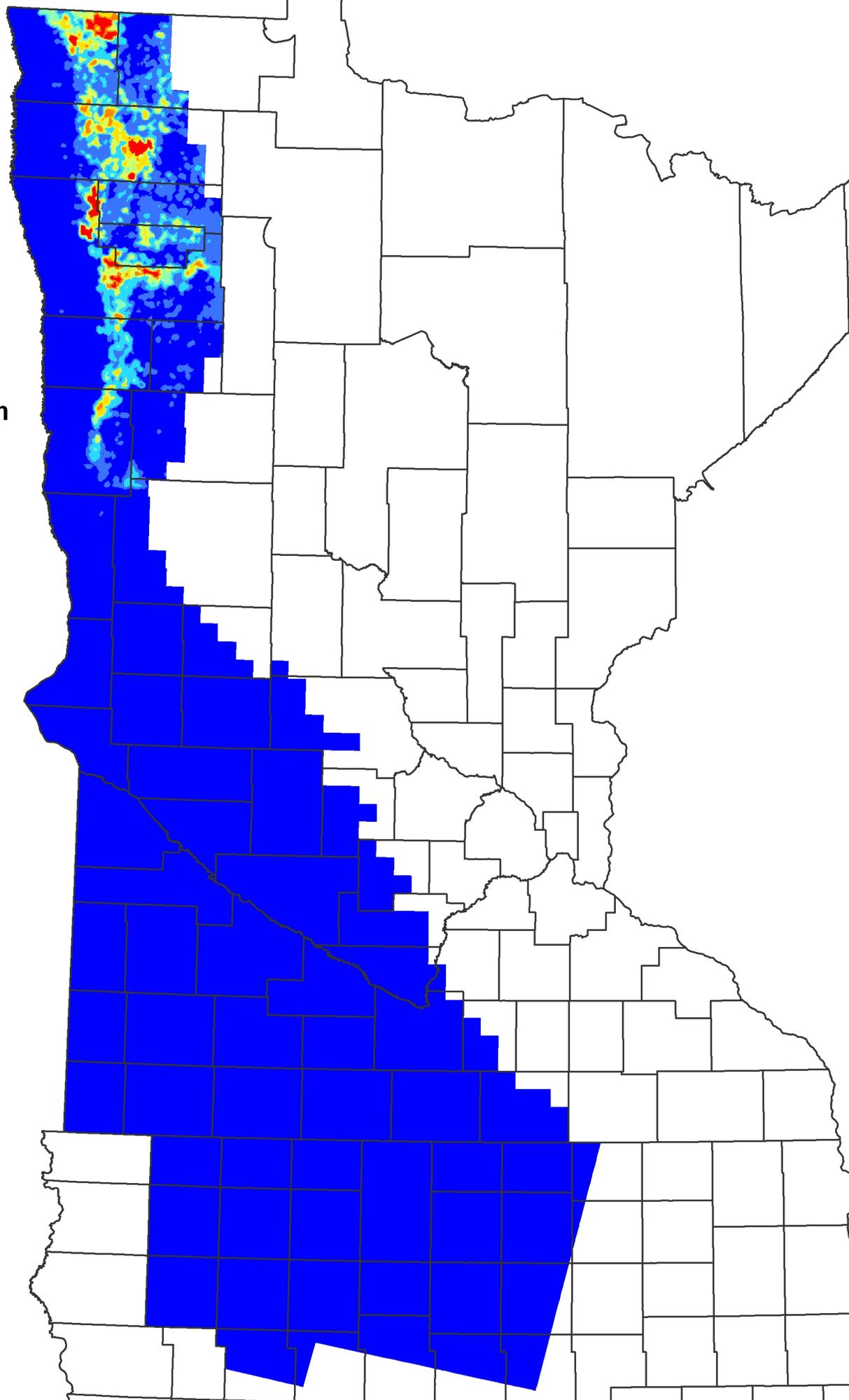
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GRSPPAIR



Legend

grassbird_tstorm

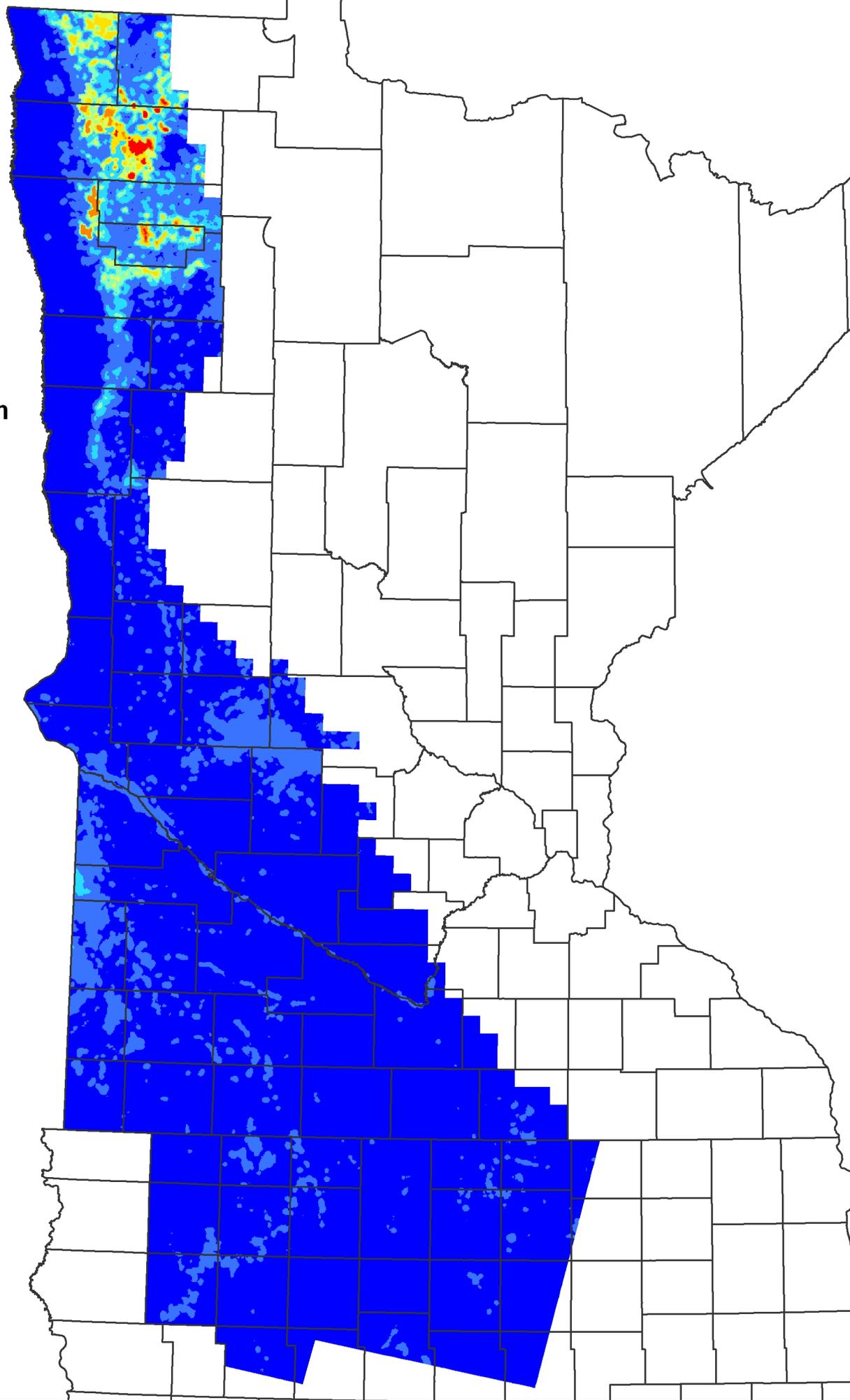
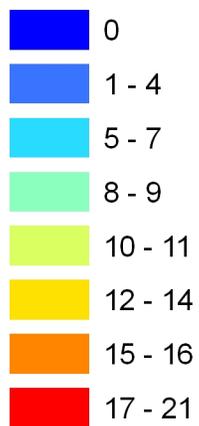
LCSPPAIR



Legend

grassbird_tstorm

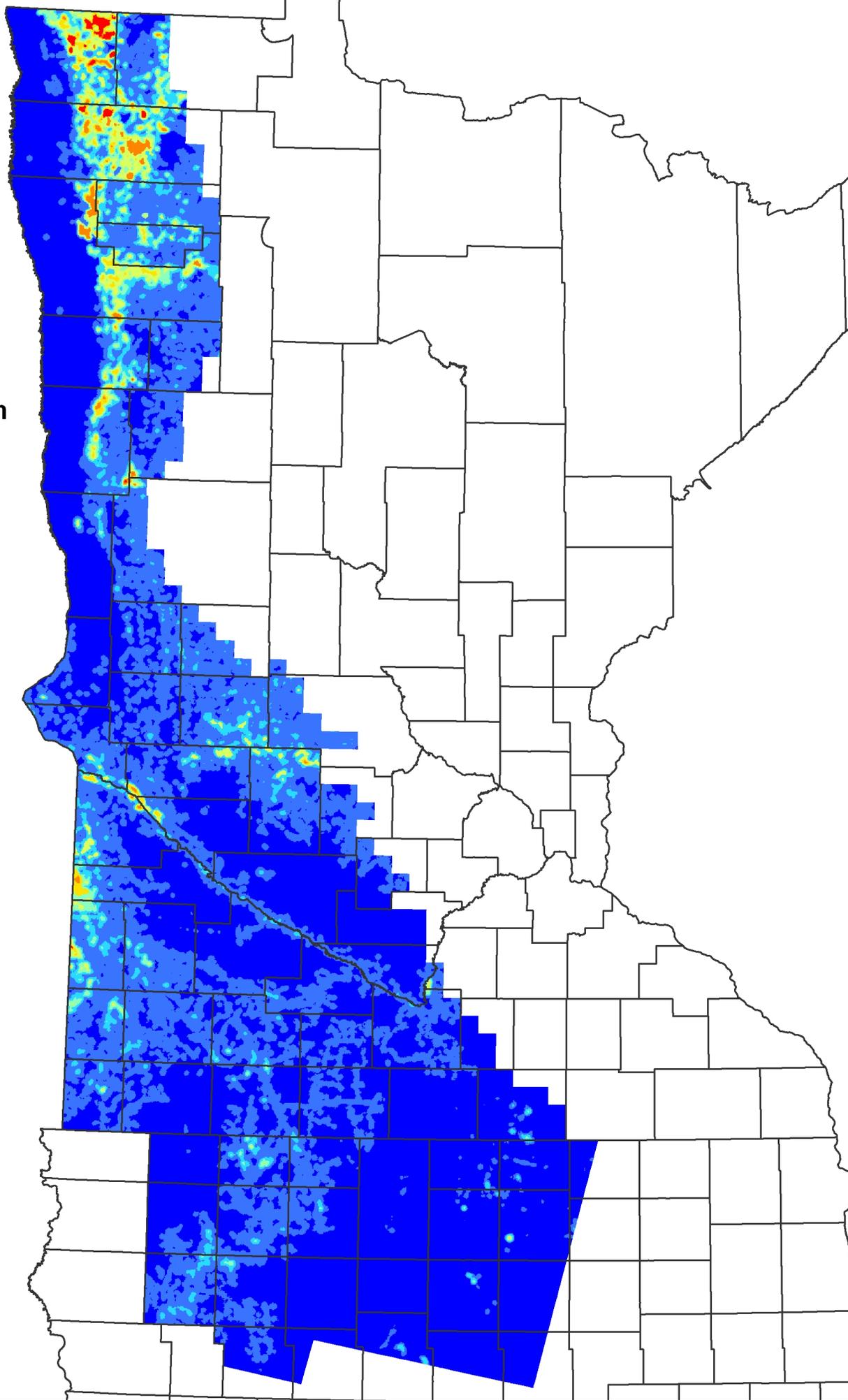
SAVSPAIR



Legend

grassbird_tstorm

SEWRPAIR



Legend

grassbird_tstorm
WEMEPROB

